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L5 and L16	5

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<u>L17</u>	L5 and L16	5	<u>L17</u>
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<u>L15</u>	L13 and (aggregat\$ near (flow\$1 or process\$))	120	<u>L15</u>
<u>L14</u>	L13 and (aggregat\$ near2 (flow\$1 or process\$))	215	<u>L14</u>
<u>L13</u>	L12 and (multicast\$ or broadcast\$)	14380	<u>L13</u>
<u>L12</u>	(network\$1 or traffic\$1) adj2 (flow\$1 or record\$2 or information\$2 or data\$1)	71171	<u>L12</u>
<u>L11</u>	(network\$1 or traffic\$1) near2 (flow\$1 or record\$2 or information\$2 or data\$1)	121088	<u>L11</u>

DB=USPT; PLUR=YES; OP=OR

<u>L10</u>	L6 and traffic\$1	15	<u>L10</u>
<u>L9</u>	L8 not L7	6	<u>L9</u>
<u>L8</u>	L6 and (network\$1 same traffic)	9	<u>L8</u>
<u>L7</u>	L6 and L1	3	<u>L7</u>
<u>L6</u>	L5 and L2	36	<u>L6</u>
<u>L5</u>	((707/\$)!.CCLS.)	10505	<u>L5</u>
<u>L4</u>	L3 and (data near2 collect\$4)	12	<u>L4</u>
<u>L3</u>	L1 and L2	47	<u>L3</u>
<u>L2</u>	flow\$1 same aggregat\$4 same process\$1	1285	<u>L2</u>
<u>L1</u>	network\$1 same traffic same flow\$1	2486	<u>L1</u>

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Terms	Documents
L21 and (aggregat\$ adj (flow\$1 or process\$1))	1

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<u>L23</u>	L21 and (aggregat\$ adj (flow\$1 or process\$1))	1	<u>L23</u>
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<u>L22</u>	L21 and (aggregat\$ near (flow\$1 or process\$1))	1	<u>L22</u>
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<u>L21</u>	(5109486 5230048 5430709 5465206 5557746 5592620 5668955 5757798 5761502 5778350 5781729 5784443 5793853 5794221 5799321 5802502 5815556 5878420 5920847 5926104 5949782 5956391 5956690 5958009 5958010 5978780 5999604 6002948 6009154 6032147 6038551 6047051 6047268 6058380 6069941 6078907 6088706 6112236 6118936 6119160 6151601 6157648 6175867 6199195 6230203 6243667 6272126 6282267 6327049 6359976 3463222 4396058 4449573 4744410 5020058 5025457 5293379 5630125 5923659 5931913 6070192 6078957 6088344 6088789 6091737 6192408 6275953 6304892 6321326 6377567 6381306 6385301 6415312 6452915 6418467).pn.	150	<u>L21</u>
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<u>L20</u>	L16 and (L18 or L19)	2	<u>L20</u>
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<u>L19</u>	((709/234)!.CCLS.))	309	<u>L19</u>
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<u>L18</u>	((709/232)!.CCLS.)	587	<u>L18</u>
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<u>L17</u>	L5 and L16	5	<u>L17</u>
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<u>L16</u>	L13 and (aggregat\$ near (flow\$1 or process\$1))	82	<u>L16</u>
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<u>L15</u>	L13 and (aggregat\$ near (flow\$1 or process\$))	120	<u>L15</u>
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<u>L14</u>	L13 and (aggregat\$ near2 (flow\$1 or process\$))	215	<u>L14</u>
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<u>L13</u>	L12 and (multicast\$ or broadcast\$)	14380	<u>L13</u>
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<u>L12</u>	(network\$1 or traffic\$1) adj2 (flow\$1 or record\$2 or information\$2 or data\$1)	71171	<u>L12</u>
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<u>L11</u>	(network\$1 or traffic\$1) near2 (flow\$1 or record\$2 or information\$2 or data\$1)	121088	<u>L11</u>
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<u>L10</u>	L6 and traffic\$1	15	<u>L10</u>
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<u>L9</u>	L8 not L7	6	<u>L9</u>
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<u>L8</u>	L6 and (network\$1 same traffic)	9	<u>L8</u>
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<u>L7</u>	L6 and L1	3	<u>L7</u>
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<u>L6</u>	L5 and L2	36	<u>L6</u>
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<u>L5</u>	((707/\$)!.CCLS.)	10505	<u>L5</u>
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<u>L4</u>	L3 and (data near2 collect\$4)	12	<u>L4</u>
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<u>L3</u>	L1 and L2	47	<u>L3</u>
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<u>L2</u>	flow\$1 same aggregat\$4 same process\$1	1285	<u>L2</u>
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<u>L1</u>	network\$1 same traffic same flow\$1	2486	<u>L1</u>
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L16 and (L18 or L19)	2

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<u>L20</u>	L16 and (L18 or L19)	2	<u>L20</u>
<u>L19</u>	((709/234)!.CCLS.))	309	<u>L19</u>
<u>L18</u>	((709/232)!.CCLS.)	587	<u>L18</u>
<u>L17</u>	L5 and L16	5	<u>L17</u>
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<u>L10</u>	L6 and traffic\$1	15	<u>L10</u>
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<u>L7</u>	L6 and L1	3	<u>L7</u>
<u>L6</u>	L5 and L2	36	<u>L6</u>
<u>L5</u>	((707/\$)!.CCLS.)	10505	<u>L5</u>
<u>L4</u>	L3 and (data near2 collect\$4)	12	<u>L4</u>
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<u>L1</u>	network\$1 same traffic same flow\$1	2486	<u>L1</u>

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1



Geo-coding—an application in a local governmental
information system

Alan C. Richter

Proceedings of the 1968 23rd ACM national conference January 1968

Across the nation, local governments of suburban communities surrounding major central cities are facing several basic problems: (1) a tremendous explosion in the development of land that is creating chaos in the record keeping and handling systems of these local governmental entities. This is primarily due to the sheer increase in volume; (2) the increasing population of these suburban areas is becoming more affluent, its tax rates are increasing rapidly, and is expecting more and better g ...

2



Efficiency vs responsiveness in a multiple-services computer
facility

David N. Freeman , Robert R. Pearson

Proceedings of the 1968 23rd ACM national conference January 1968

When a general-purpose computer performs compute-limited applications, its performance—unit cost per computation—is the primary measure of its adequacy. When such a computer performs a wide variety of services—interactive computation, fast-turnaround batch jobs, prolonged I/O-limited jobs, and prolonged compute-limited jobs—its raw performance is only one of several important

100%

100%

measures: capability to overlap I/O operations with computation, accessibility to users, and ...


3 A model of shared dasd and multipathing 100%

 Yonathan Bard

Proceedings of the 1980 international symposium on Computer performance modelling, measurement and evaluation May 1980

This paper presents a model of an I/O subsystem in which devices can be accessed from multiple CPUs and/or via alternative channel and control unit paths. The model estimates access response times, given access rates for all CPU-device combinations. The systems treated are those having the IBM System/370 architecture, with each path consisting of a CPU, channel, control unit, head of string, and device with rotational position sensing. The path selected for an access at seek initiation time ...

4 Flexible aggregation of channel bandwidth in primary rate ISDN 100%

 J. W. Burren

ACM SIGCOMM Computer Communication Review , Symposium proceedings on Communications architectures & protocols August 1989

Volume 19 Issue 4

This paper describes an algorithm that allows a number of 64 Kbps ISDN circuits running between the same pair of subscribers to be aggregated into a single wideband circuit. The algorithm permits flexible aggregation in the sense that the bandwidth of the wideband circuit may be changed by the addition or removal of 64 Kbps circuits without disturbing the flow of data on the wideband channel. The paper also describes an implementation of this algorithm in an apparatus that interfaces a LAN ...

5 Session 6: flow measurement: NetFlow: information loss or win? 100%



Robin Sommer , Anja Feldmann

Proceedings of the second ACM SIGCOMM Workshop on Internet measurement workshop November 2002

6 Session 5: P2P and streaming: Analyzing peer-to-peer traffic across large networks 100%



Subhabrata Sen , Jia Wang

Proceedings of the second ACM SIGCOMM Workshop on Internet measurement workshop November 2002

The use of peer-to-peer (P2P) applications is growing dramatically, particularly for sharing large video/audio files and

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Preserving quality of service guarantees in spite of flow aggregation

Cobb, J.A.

Dept. of Comput. Sci., Texas Univ., Dallas, TX ;

*This paper appears in: **Network Protocols, 1998. Proceedings.***

Sixth International Conference on

10/13/1998 -10/16/1998, 13-16 Oct 1998

Location: Austin, TX , USA

On page(s): 90-97

13-16 Oct 1998

References Cited: 19

IEEE Catalog Number: 98TB100256

Number of Pages: xii+349

INSPEC Accession Number: 6251252

Abstract:

We investigate the preservation of quality of service guarantees to a flow of packets in the presence of flow aggregation. In flow aggregation, multiple flows, known as the constituent flows, are merged together resulting in a single aggregate flow. Packet schedulers located after the network point where the aggregation occurred are aware of the aggregate flow, but are unaware of its constituent flows. In spite of this, we show that quality of service may be guaranteed to the constituent flows provided the aggregation is performed fairly. Furthermore, contrary to intuition, the quality of service guarantees of a flow may be better under flow aggregation than in the case where no aggregation is performed

Index Terms:

computer networks packet switching quality of service computer network constituent flows flow aggregation flow management multiple flows packet schedulers packets flow quality of service guarantees preservation

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